

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-074918

(43)Date of publication of application : 14. 03. 2000

(51)Int. CI.

G01N 33/543

(21)Application number : 10-244578

(71)Applicant : MATSUSHITA ELECTRIC IND CO LTD
ASAHI BREWERIES LTD

(22)Date of filing : 31. 08. 1998

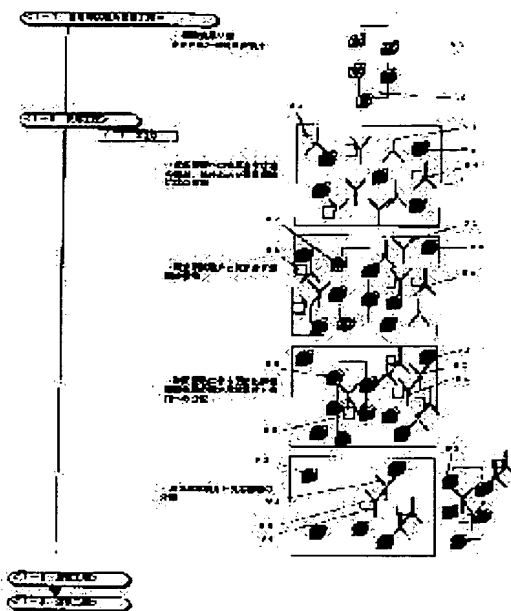
(72)Inventor : GOTO YUKIO
INOUE TAKASHI
OKUMURA YASUSHI

(54) METHOD AND APPARATUS FOR IMMUNOLOGICAL MEASUREMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a specific immunological measuring method for an antigen (or an antibody) which can be quantitatively determined quickly, simply and at a low cost and to provide a specific immunological measuring apparatus for an antigen (or an antibody) which can be measured quickly, simply, with high accuracy, automatically and at a low cost.

SOLUTION: A test piece 2 for measurement, in which an antigen (or an antibody) or an antigen-antibody complex as an object to be measured is immobilized, in a fixed amount, to a solid phase is prepared. An antibody (or an antigen) which can be bonded specifically to the antigen (or the antibody) and to which a marker substance 95 is bonded is brought into contact with the test piece 2 for measurement, inside a reaction container 1. Then, by using an antigen (or an antibody) which is fixed to the test piece 2 for measurement and by using an antigen 92 (or an antibody) in a liquid to be inspected, an antibody 94 (or an antigen) is distributed and bonded according to the concentration of the antigen (or the antibody). The amount of the marker substance 95 which is bonded to the test piece 2 for measurement or the liquid to be inspected is measured. The concentration of the antigen (or the antibody) in the liquid to be detected is calculated.



LEGAL STATUS

[Date of request for examination] 10. 09. 2002

[Date of sending the examiner's decision of rejection] 28. 10. 2004

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]